

# Balaji Ravichandran

✉ [vravibalag@gmail.com](mailto:vravibalag@gmail.com)

☎ +919677319732

in <https://www.linkedin.com/in/balagravichandran>



## Software Proficiency

- **Solid Works**

Proficiency Level – Medium

- **Auto CAD**

Proficiency Level – Medium

- **Microsoft Office**

Proficiency Level – High

- **PDM**

Proficiency Level – High

- **SAP**

Proficiency Level – Medium

## Key Skills

- ISO internal & External Audits
- 7 QC Tools
- TQM activities & implementation of ISO 9001:2015
- Knowledge of Cycle test, Functional test & Inspections like inward inspection, in process & final inspections
- Drawing Study, GD & T

## PROFILE

Skilled Mechanical Engineer with 3 years of experience in Inspections, Testing skills, 6S, ISO standards and documentation. I'm looking to work on exciting projects that leverage my skills towards productivity

Smart working Role in a corporate world enthusiastically with a Team to achieve the goals of the Organization and improve the productivity with zero rejections with my professional Skills.

## EMPLOYMENT SCAN

### **Executive Engineer in Quality Control**

**Vertex Research Centre (R&D), Palladam, Tiruppur (Dt)**

**May 2018 –Present**

- The company is engaged in design, development and manufacturing of an Industrial automation Jigs and Fixtures, Agriculture farming products and Driving Simulators

## Roles & Responsibilities

- Holding responsibilities of process quality inspections & approvals.
- As a Management representative in ISO Audits.
- Supervising the production department to follow Six Sigma.
- Active member participation in the on-going TQM activities & implementation of ISO 9001:2015 & handling internal and external audits.

- Checklist preparation for Dispatch
- Handling customers management
- Knowledge of instruments/devices which operate in the industries like Mechanical gauges

## **Operating System**

- Windows 7,8,10
- Ubuntu

## **Programing**

### **Language**

- SQL

## **Area of Interest**

- Quality Control
- Quality Assurance
- Safety Engineer
- Internal ISO Auditor
- Drafting
- Designing

- Coordinate with customers complaints, identify the defects and suggest solutions for production with 8D report.
- Project meeting with project manager to time adherence and maintaining quality.
- Calibration of measuring instruments & records.
- Knowledge in inspections like inward inspection, in-process & final inspections for R&D projects.
- Stage wise inspection from raw material to final product of R&D projects.
- Solving problems in the shop floor by working closely with production people in fabrication, machining, assembly and testing.
- Maintaining and surveillance of overall process flow documentations.

## **PROJECTS:-**

### **INTERNAL DEVELOPMENT PROJECTS**

- Functional Testing of Car Simulators.
- Functional Testing of Safety Simulators for Airbag, Seat Belt and Roll over Simulator.
- Functional and field testing of agriculture products like Poultry racking machine and Tiller.

### **CLIENT – RNTBCI**

- Power Train Cut Section - Renault Electric Vehicle.
- Development and Integration of Plug in Renault Hybrid Electric Vehicle.

### **CLIENT – COMMUNIQUE**

- Automated Turn Table with lifting and tilting mechanisms for TATA Harrier at AUTO EXPO-2020.

## Personal Details

Father Name : Ravichandran.V

Mother Name : Meenambal.R

Date of Birth : 06/03/1997

Gender : Male

Nationality : Indian

Marital Status : Unmarried

Languages

Known : Tamil, English

## Hobbies

- Cooking & Baking
- Icing & Garnishing

## CLIENT – ALSTOM TRANSPORT INDIA LIMITED

### **Jigs & Fixture projects:**

- Jig and Fixtures for Metro Train.

### **Automation Projects:**

- Automated Tilting & Lifting jig for the Bogie Metro Train.
- Digital Loom Board jig for Wire Industrial Wiring Loom, Bogie Metro Train.
- Automated Lifting jig for inserting Panel box in the Bogie Metro Train.

### Professional Qualifications:

#### Bachelor of Engineering

- Mechanical Engineering – Ponnaiyah Ramajayam College of Engineering & Technology, Thanjavur with 6.74 CGPA (2014-2018)

#### HSC

- The Little Flower Higher Secondary School, Kumbakonam with 66.84% (2014)

#### SSLC

- The Little Flower Higher Secondary School, Kumbakonam with 78.4% (2012)

### Declaration:

I hereby declare that above mentioned information's are correct to the best of my knowledge and belief.

**Date :**

**Place :**

**(Balaji R)**